



Form PTO-1449 Equivalent	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 500.42925X00	SERIAL NO. 10/617,690
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)		APPLICANT TANAKA et al	
		FILING DATE July 14, 2003	GROUP 3676

## U.S. PATENT DOCUMENTS

Ex. Initial	Doc. No.	Date	Name	Class	Subclass	Filing Date
AA	5,491,507	2/96	Umezawa			
AB						
AC						
AD						
AE						
AF						
AG						
AH						

## U.S. PATENT APPLICATIONS

	Publication Number	Name	Publication Date
AI			
AJ			
AK			
AL			

## FOREIGN PATENT DOCUMENTS

	Doc. No.	Date	Country	Class	Subclass	Translation/Abstract?	
						Yes	No
AM	2302541Y	12/98	China				X
AN							
AO							
AP							
AQ							

## OTHER DOCUMENTS

AR	
AS	
AT	

Examiner J. Chiang Date Considered 8/11/05

7/14/03

W1047

INFORMATION UNDER 37 CFR 1.56(a)  
 (For Initial Filing)

The following references are submitted as information  
 to comply with the duty of disclosure under 37 CFR 1.56(a):

References	Disclosed in the specification		Copy			Translation (English Abstract)	
	Yes	No	Enc.	Follow	Please Obtain	Enc.	Not availa ble
1. JP-A-2001-320463	X		X			X	
2. JP-A-10-65780	X		X			X	
3. JP-A-11-69214	X		X			X	
4.							
5.							
6.							
7.							
8.							
9.							
10.							

Concise Explanation (Relevant Portion)

J. Ching

8/11/05